

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A multi-level position/range designating method for a multimedia stream comprising:

(a) displaying an entire first range of a multimedia stream; and

(b) setting a second range designated by a user ~~from as a reduced portion of the~~
displayed entire first range of the multimedia stream ~~as an absolute range of the multimedia~~
~~stream; and~~

~~_____ displaying the absolute range of the multimedia stream as the entire range of the~~
~~multimedia stream, if the second range is designated by the user, wherein each level and sublevel~~
~~of the multi-level position/range designation method maintains the same temporal reference~~
~~frame period~~
(c) concurrently displaying the entire first range and the entire second range,
wherein the displayed first and second ranges are the same size.

2. (Currently Amended) A method of claim 1, further comprising:

displaying a starting frame of the first and second ranges designated by the
user; and

displaying an ending frame of the first and second ranges designated by the
user.

3. (Previously Presented) A method of claim 1, wherein in (a), displaying the entire first range of the multiple stream in a first level of a multiple level display of the multimedia stream; and in (b), displaying the absolute range of the multimedia stream in a second level of the multiple level display.

4. (Original) A method of claim 3, wherein (a) further comprises:
displaying a starting frame of a designated range if a range is designated by the user; and
displaying an ending frame of said designated range.

5. (Currently Amended) A method of claim 3, further comprising repeating steps (b) and (c) for each additional range and displaying each absolute range of the multimedia stream in a different level of the multiple level display, and wherein the displayed ranges are aligned.

6. (Currently Amended) A method of claim 5, ~~wherein (b) further comprises~~ comprising:
displaying a starting frame of a range designated from each absolute range of the multimedia in each corresponding level of the multiple level display, if a range is designated by the user from an absolute range of the multimedia; and

displaying an ending frame of said range designated from each absolute range of the multimedia in each corresponding level of the multiple level display.

7. (Original) A method of claim 6, further comprising manipulating a slider bar to view each level of the multiple level display.

8. (Original) A method of claim 5, further comprising manipulating a slider bar to view each level of the multiple level display.

9. (Currently Amended) A multi-level position/range designating method for a multimedia stream comprising:

(a) displaying a first level of a multiple level display including an entire range of a multimedia stream represented by a first ~~slider bar~~ timeline, wherein the entire range of the multimedia stream is displayed extending completely from a beginning to an end of the first timeline;

(b) ~~setting~~ displaying a range designated by a user from within a range of the multimedia stream displayed in a previous level timeline of the multiple level display as extending completely from a beginning to an end of a current displayed timeline ~~an absolute range of the multimedia stream, and displaying a kth level of the multiple level display including the absolute range of the multimedia stream represented by a kth slider bar, if a range is designated by the~~

~~user from the previous level, wherein the designated range~~ displayed timeline from each previous level and a ~~corresponding kth current level~~ timeline maintains the same temporal reference frame ~~period~~ displayed size; and

(c) repeating (b) to reach a kth level timeline.

10. (Currently Amended) A method of claim 9, further comprising:

displaying, for each level timeline, a starting frame of the ~~designated range~~ if the range is designated by the user; and

displaying, for each level timeline, an ending frame of said designated range.

11. (Currently Amended) A method of claim 10, further comprising manipulating a window slider bar to view each ~~kth~~ level timeline of the multiple level display.

12. (Currently Amended) A method of claim 9, further comprising manipulating a window slider bar to view each of the kth level timelines each displayed in alignment and having the same size of the multiple level display.

13. (Original) A method of claim 12, wherein the first slider bar and each of the kth slider bar has the same length.

14. (Currently Amended) A multi-level position/range designating method for a multimedia stream comprising:

(a) displaying a first level of a multiple level display including an entire range of the multimedia stream in a first window; and

(b) simultaneously displaying subsequent levels of the multiple level display including varying respectively smaller ranges of the multimedia stream in a ~~second window~~ additional windows, wherein each immediately subsequent level and current level of the multi-level position/range designating method uniformly represents an entire amount of the corresponding range of the multimedia stream at a respective uniform time scale from its beginning to its end, and wherein all said levels maintain ~~maintains~~ the same temporal reference period ~~displayed size and different uniform time scales.~~

15. (Original) A method of claim 14, further comprising:
displaying, for each level, a starting frame of a designated range if a range is designated by the user; and

displaying, for each level, an ending frame of said designated range.

16. (Currently Amended) A method of claim 15, further comprising displaying each level vertically aligned and manipulating a window slider bar in the second window to view each nth level of the multiple level display.

17. (Original) A method of claim 14, further comprising manipulating a window slider bar in the second window to view each nth level of the multiple level display.

18. (Original) A method of claim 17, wherein the window slider bar is positioned at the right side of the second window.

19. (Previously Presented) A method of claim 17, wherein the window slider bar is positioned at a prescribed location of the second window.

20. (Previously Presented) A method of claim 1, wherein in (b) the designated range is a continuous subset of the displayed entire range of the multimedia stream in (a).

21. (Previously Presented) The method of claim 14, wherein all levels are displayed in the same absolute range, and wherein each subsequent level represents a continuous subset of data from the multimedia stream of a previous level.

22. (Currently Amended) A multi-level position/range designating method for a multimedia stream comprising a multiple level representation of a multimedia stream, wherein each incremented level displays a continuous more detailed but shorter range designated from an

immediately previous level of the multimedia stream to achieve a refined range designation using more detailed views and a continuous subset of data from at the previous level of the multimedia stream, wherein each level ~~and a designated range of the previous level of the multi-level position/range designation method maintains the same temporal reference frame period~~ has an identical size when displayed, and wherein said each level is displayed aligned with the same absolute range.

23. (Currently Amended) The method of claim 22, wherein an expansion ratio between levels of the multiple level representation is different and user selected, and wherein said each level is displayed with a different uniform timescale, wherein said each level represents the corresponding range of the multimedia using its full displayed dimension.

24. (Currently Amended) A multi-level position/range designating method for a multimedia stream comprising:

(a) displaying a first range of a multimedia stream in a first prescribed range display region of a display, wherein the first range is uniformly represented across the entire first prescribed display region;

(b) selecting a second reduced range from within the first range of the multimedia stream displayed in the first prescribed range display region, wherein the second range is uniformly represented within a second prescribed display region; and

(c) displaying the selected second reduced range of the multimedia stream as the second prescribed range display region, wherein each level range and sublevel display region of the multi-level position/range designation method maintains the same temporal reference frame period displayed size.

25. (Currently Amended) The method of claim 24, wherein the second reduced range is a continuous subset of data from the multimedia stream of the first range, and wherein the first and second ranges are concurrently displayed in first and second levels of a multiple-level display.